

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2003/002351

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H03G 11/04, H03G 11/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H03G, H03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002065095 A1 (SHOUICHI KOBAYASHI ET AL), 30 May 2002 (30.05.2002), page 1, figure 2 --	1-16
A	GB 2025739 A (NISSAN MOTOR COMPANY LIMITED), 23 January 1980 (23.01.1980), page 1 --	1-16
A	WO 03036897 A1 (NOKIA CORPORATION), 1 May 2003 (01.05.2003), page 1 - page 2 --	1-16
A	WO 0211283 A2 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 7 February 2002 (07.02.2002), see the claims -----	1-16

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

9 January 2004

Date of mailing of the international search report

13-01-2004

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

01/12/2003

In. International application No.

PCT/IB 2003/002351

Patent document cited in search report				Publication date		Patent family member(s)	Publication date
US	2002065095	A1	30/05/2002	EP	1220445	A	03/07/2002
				JP	2002164799	A	07/06/2002
GB	2025739	A	23/01/1980	DE	2915105	A	25/10/1979
				FR	2423089	A	09/11/1979
				JP	54136111	A	23/10/1979
				JP	54149441	U	17/10/1979
WO	03036897	A1	01/05/2003	FI	20012059	D	00/00/0000
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				EP	1360760	A	12/11/2003
				TW	527766	B	00/00/0000